

Dear Ladies and Gentlemen:

Thank you for the opportunity to comment. My interest is as an amateur radio operator - I was first licensed in 1955. I am concerned about the adverse effects of BPL on the parts of the radio spectrum that I use under a license you have issued to me, so I am pleased to see that your NOI includes the following:

18. Interference from BPL Emissions. In both Access and In-House high-speed BPL technologies, multiple carriers spread signals over a broad range of frequencies that are used by other services that must be protected from interference. In the spectrum below 30 MHz, incumbent authorized operations include fixed, land mobile, aeronautical mobile, maritime mobile, radiolocation, broadcast radio, amateur radio terrestrial and satellite, and radioastronomy. In the spectrum from 30 to 300 MHz, incumbent authorized operations include fixed land mobile, aeronautical mobile, maritime mobile and mobile satellite, radioastronomy, amateur radio terrestrial and satellite, broadcasts TV and radio. This spectrum is also used for public safety and law enforcement, and Federal government aeronautical radionavigation, radionavigation satellite and radiolocation. Each of these authorized services in the spectrum must be protected from harmful interference.

My understanding is that BPL implementation has the very definite potential to "trash" large portions of the radio frequency spectrum. I refer you to the American Radio Relay League paper at <http://www.arrl.org/tis/info/HTML/plc/files/C63NovPLC.pdf>, and to the ARRL comments in this proceeding that are forthcoming if not already presented to you. And as your engineers will tell you, if BPL injects garbage into the spectrum the impact will be felt by public and private constituencies well beyond amateur radio. The ubiquity of the power lines guarantees that there would be little reasonable opportunity to escape from the resulting interference.

It is obvious from the NOI and the separate statements that large forces are at work. But in this country, you are the chief steward of the radio frequency spectrum. Whatever the course you choose to set I am counting on you to be diligent in honoring your commitment to the "services that must be protected from interference."